ABSTRACT OF THE DISCLOSURE

A lane recognition system for a vehicle is comprised of a camera set, a memory and a controller connected to the camera set and the memory. The

5 camera set picks up a road image of a road ahead of the vehicle, and the memory stores parameters representative of a model lane marker of the road image. The controller is arranged to set a plurality of lane-marker detecting areas on the road

10 image so that each lane-marker detecting area is partially overlapped with the lane-marker detecting areas adjacent to the one of the lane-marker candidate-point detecting areas, to detect each lane marker candidate point in each lane-marker detecting

15 area, to calculate variations of the parameters, to correct the parameters according to the variation, and to output road-shape indicative information on the basis of the parameters.